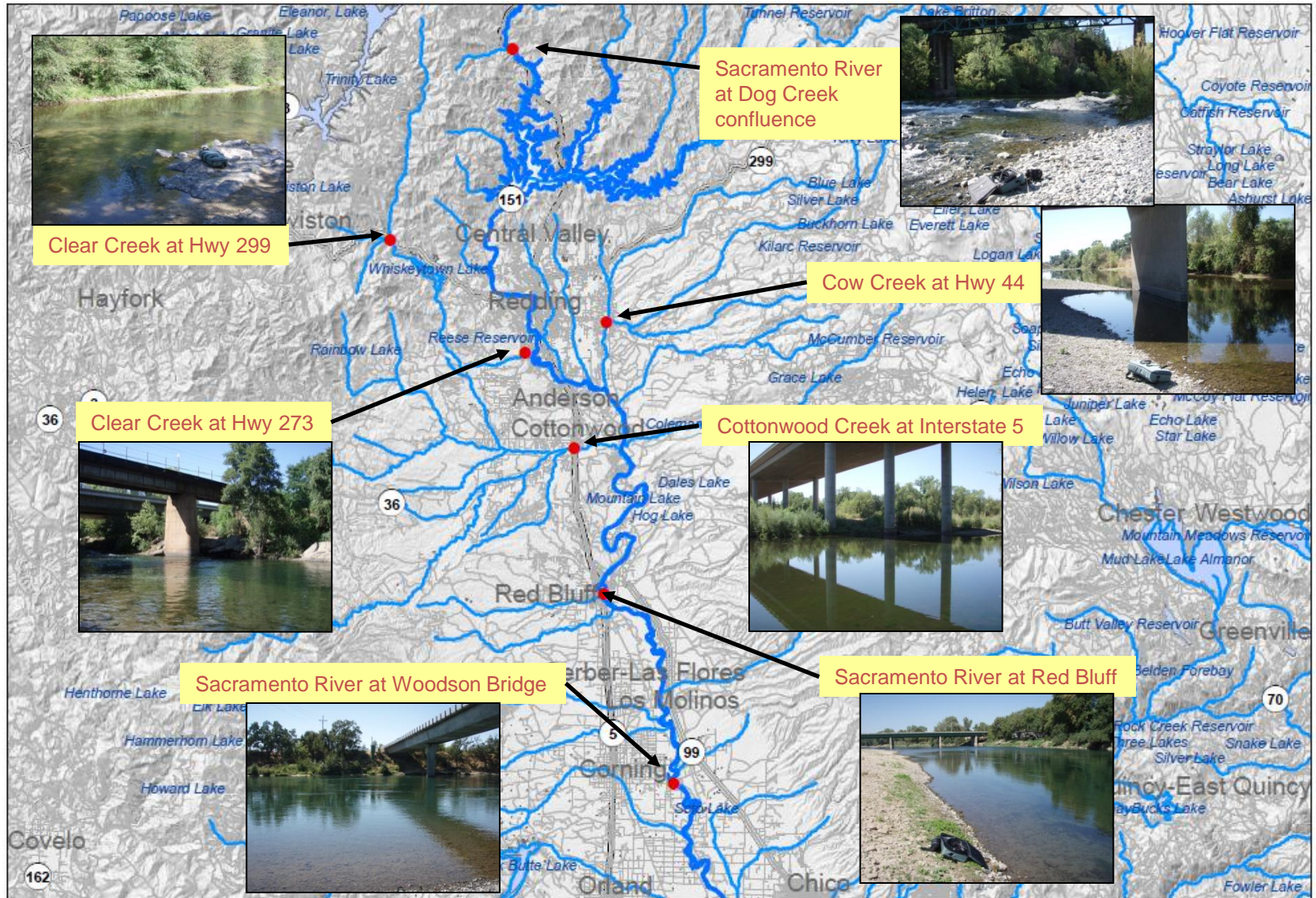


SWAMP Safe-To-Swim Study August-September 2010

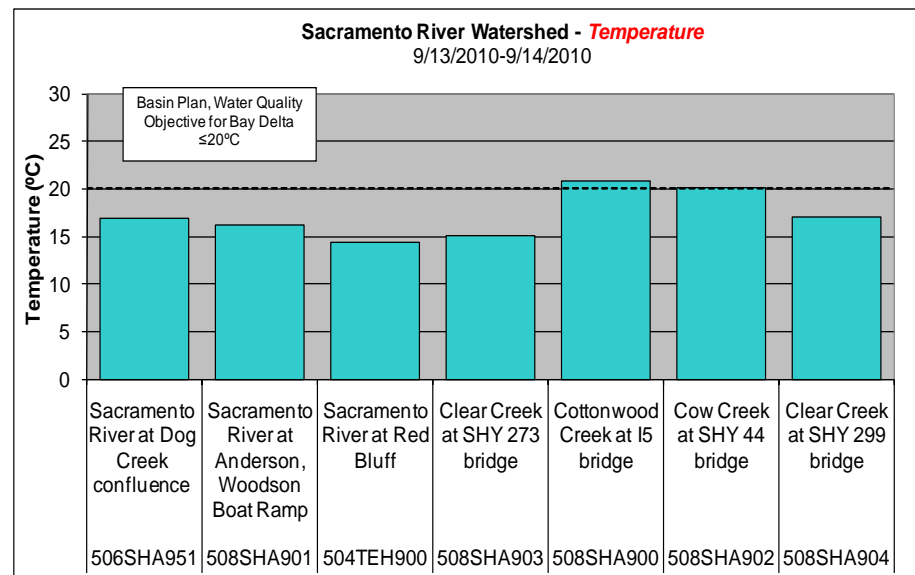
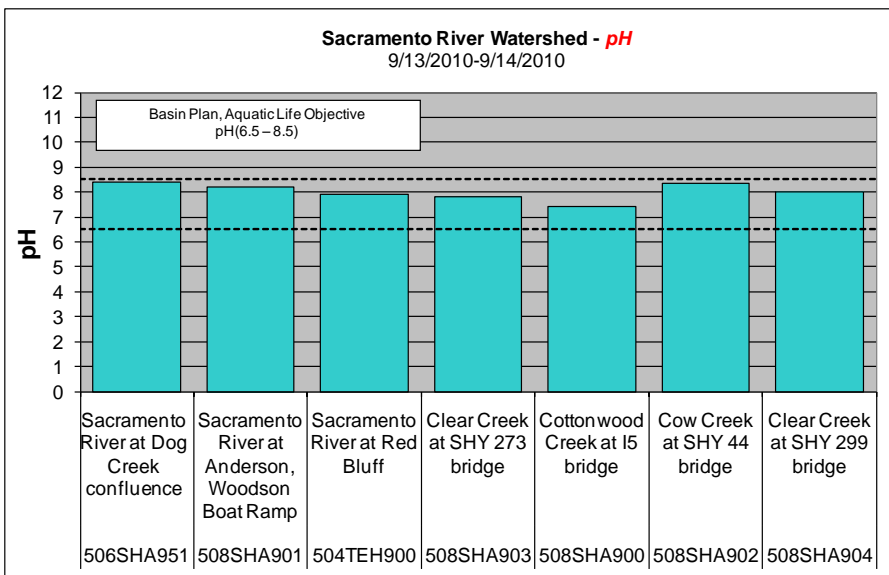
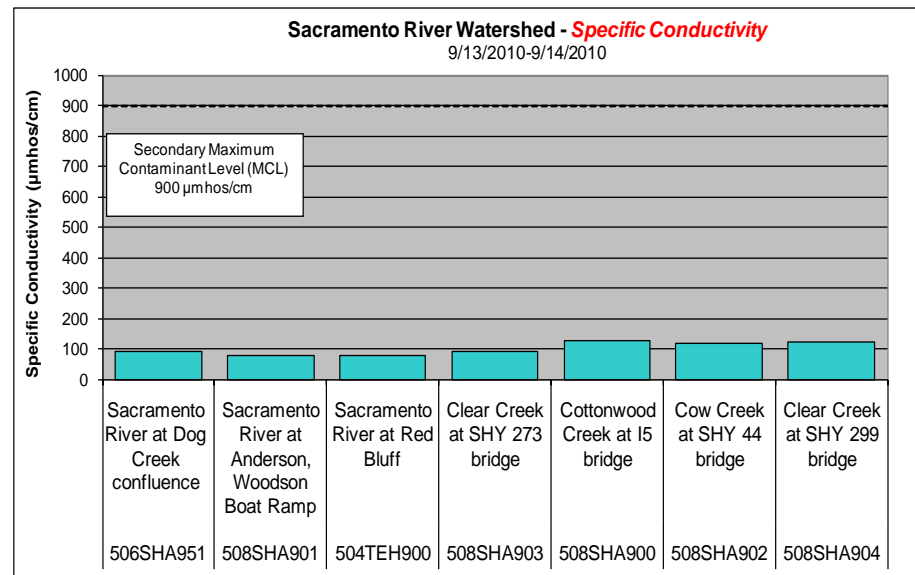
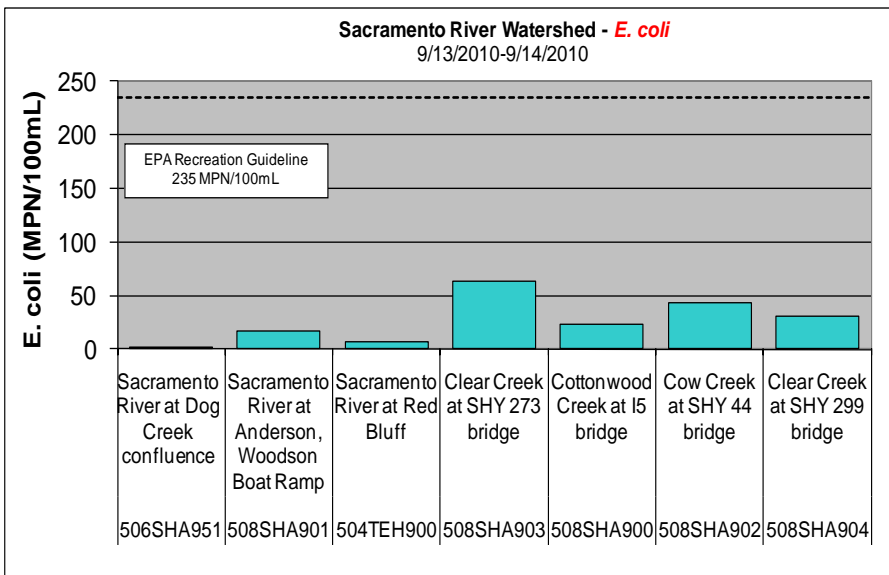
Sample Sites for Sacramento River Watershed



0 20 40 Miles

Legend

- Sacramento River Watershed Sites
- Sacramento River
- Rivers and Streams



Unit measurements:

MPN/100mL = Most Probable Number per 100 milliliters mg/L = milligrams per Liter µmhos/cm = micromhos per centimeter °C = degrees Celcius NTU = Nephelometric Turbidity Units

Constituent	Water Quality Guideline	Sacramento River Watershed						
		Cow Creek at SHY 44 bridge (9/14/2010)	Sacramento River at Anderson, Woodson Boat Ramp (9/14/2010)	Sacramento River at Red Bluff (9/14/2010)	Clear Creek at SHY 273 bridge (9/14/2010)	Cottonwood Creek at I5 bridge (9/14/2010)	Sacramento River at Dog Creek confluence (9/13/2010)	Clear Creek at SHY 299 bridge (9/13/2010)
Total Coliform (MPN/100mL)	NA	913.9	1229.7	1986.3	>2419.6	>2419.6	1732.9	1229.7
E. coli (MPN/100mL)	<235 MPN/100mL (USEPA Contact Recreation Guideline)	17.3	6.3	63.8	23.1	43.5	30.5	1.0
Dissolved Oxygen (mg/L)	≥7 mg/L (Basin Plan Objective)2	NA	NA	NA	NA	NA	NA	NA
pH	6.5-8.5 (Basin Plan Objective)2	8.19	7.92	7.82	7.40	8.36	8.02	8.38
Specific Conductivity (µmhos/cm)	≤900 µmhos/cm (Secondary Maximum Contaminant Level)1	79.7	78.5	93.0	127.5	116.8	120.8	90.3
Temperature (° Celsius)	≤20 °C (Basin Plan Objective for Bay-Delta)2	16.2	14.4	15.1	20.8	20.1	17.1	16.9
Turbidity (NTU)	NA	NA	NA	NA	NA	NA	NA	NA